BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Package No.02 (Package consists of 14 works)

First and Part Bill
Total Abstract

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

TOTAL ABSTRACT

Name Of work : -Package No.02 (Package consists of 14 works)

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-1st & Part Bill

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	**KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3**						
	Sahakar Nagar 60ft Road (Big Market Road)			768.24			
	Cubic Appartment			579.88			
	Amruth Nagar Sector A			58.05			
	Present Qty			1406.17			
	Previous Bill Qty			0.00			
	Total			**1406.17**			
	BOQ qty			**10454.76**			
	Qty for payment	**Cum**		**1406.17**	**217.12**	**305307.63**	
5	**Removing and resetting of footpath slab (P.No.265, I.No.37.56 of PW, P&IWTD SR 2016-17)**						
	Sahakar Nagar 60ft Road (Big Market Road)			1635.72			
	Cubic Appartment			0.00			
	Amruth Nagar Sector A			0.00			
	Present Qty			1635.72			
	Previous Bill Qty			0.00			
	Total			**1635.72**			
	BOQ qty			**3570.00**			
	Qty for payment	**Sqm**		**1635.72**	**141.78**	**231912.38**	
7	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)**						
	Sahakar Nagar 60ft Road (Big Market Road)			0.00			
	Cubic Appartment			1867.26			
	Amruth Nagar Sector A			0.00			
	Present Qty			1867.26			
	Previous Bill Qty			0.00			
	Total			**1867.26**			
	BOQ qty			**9726.92**			
	Qty for payment	**Sqm**		**1867.26**	**712.28**	**1330011.95**	
10	**KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)**						
	Sahakar Nagar 60ft Road (Big Market Road)			0.00			
	Cubic Appartment			2.16			
	Amruth Nagar Sector A			11.25			

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Contractor

Consultant

Assistant Engineer
AE(W)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

	Present Qty			13.41			
	Previous Bill Qty			0.00			
	Total			**13.41**			
	BOQ qty			**176.92**			
	Qty for payment	**Cum**		**13.41**	**5723.17**	**76747.71**	
16	**Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13**						
	Sahakar Nagar 60ft Road (Big Market Road)			0.00			
	Cubic Appartment			4.97			
	Amruth Nagar Sector A			34.83			
	Present Qty			39.80			
	Previous Bill Qty			0.00			
	Total			**39.80**			
	BOQ qty			**241.26**			
	Qty for payment	**Cum**		**39.80**	**4748.9**	**189002.42**	
17	**Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4**						
	Sahakar Nagar 60ft Road (Big Market Road)			0.00			
	Cubic Appartment			11.04			
	Amruth Nagar Sector A			58.05			
	Present Qty			69.09			
	Previous Bill Qty			0.00			
	Total			**69.09**			
	BOQ qty			**488.70**			
	Qty for payment	**Sqm**		**69.09**	**110.02**	**7601.50**	
18	**KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2015-16)**						
	Sahakar Nagar 60ft Road (Big Market Road)			0.00			
	Cubic Appartment			0.27			
	Amruth Nagar Sector A			4.50			
	Present Qty			4.77			
	Previous Bill Qty			0.00			
	Total			**4.77**			
	BOQ qty			**72.20**			
	Qty for payment	**Cum**		**4.77**	**6171.18**	**29436.53**	
19	**Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 109, I.No. 14.62 of PWD SR 2015-16)**						
	Sahakar Nagar 60ft Road (Big Market Road)			1135.94			
	Cubic Appartment			0.00			

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Consultant

Assistant Engineer
AE(W)

Assistant Executive Engineer
Kodigehalli Sub Division,
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Bangalore.

	Amruth Nagar Sector A			0.00		
	Present Qty			1135.94		
	Previous Bill Qty			0.00		
	Total			**1135.94**		
	BOQ qty			**1335.00**		
	Qty for payment	**Sqm**		**1135.94**	**1230.61**	**1397899.12**
20	**Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**					
	Sahakar Nagar 60ft Road (Big Market Road)			188.76		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			188.76		
	Previous Bill Qty			0.00		
	Total			**188.76**		
	BOQ qty			**2499.60**		
	Qty for payment	**Sqm**		**188.76**	**1859.66**	**351029.42**
21	**Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**					
	Sahakar Nagar 60ft Road (Big Market Road)			0.00		
	Cubic Appartment			14.40		
	Amruth Nagar Sector A			67.50		
	Present Qty			81.90		
	Previous Bill Qty			0.00		
	Total			**81.90**		
	BOQ qty			**195.12**		
	Qty for payment	**Sqm**		**81.90**	**5297.57**	**433870.98**
22	**KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)**					
	Sahakar Nagar 60ft Road (Big Market Road)			1113.40		
	Cubic Appartment			997.37		
	Amruth Nagar Sector A			0.00		
	Present Qty			2110.77		
	Previous Bill Qty			0.00		
	Total			**2110.77**		
	BOQ qty			**6408.20**		
	Qty for payment	**Cum**		**2110.77**	**176.29**	**372107.63**
24	**KSRRB M400-6.2. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, spreading in uniform layers with motor grader on prepared surface, mixingby mix in place method by rotavator at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per specifications. B. By Mix in Place Method. - Close graded granular sub-base material as per 400-1 For Grading I Material**					
	Sahakar Nagar 60ft Road (Big Market Road)			227.25		

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			227.25		
	Previous Bill Qty			0.00		
	Total			**227.25**		
	BOQ qty			**372.97**		
	Qty for payment	**Cum**		**227.25**	**1781.83**	**404920.87**
25	**KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)**					
	Sahakar Nagar 60ft Road (Big Market Road)			810.40		
	Cubic Appartment			997.37		
	Amruth Nagar Sector A			0.00		
	Present Qty			1807.77		
	Previous Bill Qty			0.00		
	Total			**1807.77**		
	BOQ qty			**5302.07**		
	Qty for payment	**Cum**		**1807.77**	**1891.85**	**3420029.49**
26	**KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)**					
	Sahakar Nagar 60ft Road (Big Market Road)			3391.75		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			3391.75		
	Previous Bill Qty			0.00		
	Total			**3391.75**		
	BOQ qty			**22350.08**		
	Qty for payment	**Sqm**		**3391.75**	**29.49**	**100022.78**
27	**KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)**					
	Sahakar Nagar 60ft Road (Big Market Road)			9231.60		

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Contractor

Consultant

Assistant Engineer

AE(WS)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bengaluru.

	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			9231.60		
	Previous Bill Qty			0.00		
	Total			**9231.60**		
	BOQ qty			**93451.82**		
	Qty for payment	**Sqm**		**9231.60**	**3.4**	**31387.43**
28	**KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)**					
	Sahakar Nagar 60ft Road (Big Market Road)			12623.35		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			12623.35		
	Previous Bill Qty			0.00		
	Total			**12623.35**		
	BOQ qty			**123762.50**		
	Qty for payment	**Sqm**		**12623.35**	**13.61**	**171803.79**
29	**KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 -using 100/120 TPH capacity H.M.P. with sensor paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen**					
	Sahakar Nagar 60ft Road (Big Market Road)			75.75		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			75.75		
	Previous Bill Qty			0.00		
	Total			**75.75**		
	BOQ qty			**562.40**		
	Qty for payment	**Cum**		**75.75**	**7618.42**	**577095.32**
30	**KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)**					
	Sahakar Nagar 60ft Road (Big Market Road)			504.93		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			504.93		
	Previous Bill Qty			0.00		
	Total			**504.93**		
	BOQ qty			**4632.08**		
	Qty for payment	**Cum**		**504.93**	**8686.84**	**4386246.12**

Contractor

Consultant

Assistant Engineer

Assistant Executive Engineer

33	**Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete**					
	Sahakar Nagar 60ft Road (Big Market Road)			337.00		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			337.00		
	Previous Bill Qty			0.00		
	Total			**337.00**		
	BOQ qty			**1666.00**		
	Qty for payment	**No**		**337.00**	**355.00**	**119635.00**
34	**Removing and resetting of kerb stones(P.No.185, I.No.37.57 of PW,P&IWTD SR 2016-17)**					
	Sahakar Nagar 60ft Road (Big Market Road)			1368.70		
	Cubic Appartment			0.00		
	Amruth Nagar Sector A			0.00		
	Present Qty			1368.70		
	Previous Bill Qty			0.00		
	Total			**1368.70**		
	BOQ qty			**2970.00**		
	Qty for payment	**Cum**		**1368.70**	**70.32**	**96246.98**
	GRAND TOTAL					~~14032315.06~~

1,40,32,319-

BEENA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Contractor

TEJUS CONSULTANTS

Consultant

Asst.Mgr.N.D

Assistant Engineer

AE(Jn)

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.